

Converting Colors

$Yxy(33.3257, 0.3919, 0.3693)$

Have a look what the booklet for
Yxy(33.3257, 0.3919, 0.3693)
contains.

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Color

Yxy(33.3583, 0.3925, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	C09375
RGB	192, 147, 117
RGB Percent	75%, 58%, 46%
CMY	0.2472, 0.4235, 0.5413
CMYK	0.00, 0.23, 0.39, 0.25
HSL	24°, 37%, 61%
HSV	24°, 39%, 75%
XYZ	35.3773, 33.3583, 21.3976
YIQ	157.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

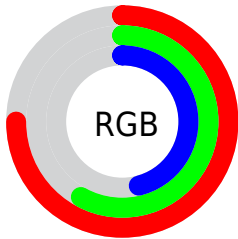
Format	Color
RYB	192, 167, 117
Decimal	12620661
CIELab	64.45, 12.90, 22.43
CIElCh	64, 25.873, 60.098
Yxy	33.3583, 0.3925, 0.3701
Android (android.graphics.Color)	4290810741 (0xFFC09375)
YUV	157.0350, -19.7373, 30.6643
Hunter-Lab	57.7566, 8.2613, 18.4640

Details

The Yxy color **33.3583, 0.3925, 0.3701** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4047, 0.2524, 0.2833**, and the grayscale version is **33.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9619, 0.3770, 0.3630**, and **14.1015, 0.4199, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **29.5511, 0.4204, 0.3803**, and if you desaturate by 10%, it is **37.6194, 0.3677, 0.3593**.

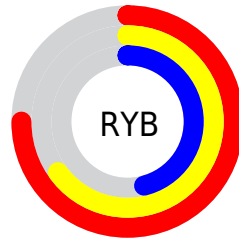
Distribution



Red (75%)

Green (58%)

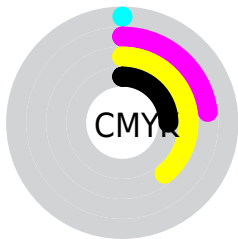
Blue (46%)



Red (75%)

Yellow (65%)

Blue (46%)

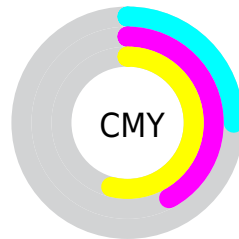


Cyan (0%)

Magenta (23%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3583, 0.3925, 0.3701 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 33.3583, 0.3925, 0.3701 by changing the saturation by 10% instead.


 33.3583, 0.3925,
0.3701

 33.3583, 0.3925,
0.3701


317.2612, 0.3502,
0.3497

 22.4011, 0.4038,
0.3750


 64.9345, 0.3766,
0.3628

 14.1519, 0.4186,
0.3809


 86.3223, 0.3708,
0.3600

 8.2264, 0.4388,
0.3884


 111.9557, 0.3659,
0.3577

 4.2401, 0.4677,
0.3972

142.2192, 0.3618,
0.3556

 1.8088, 0.5346,
0.4246

177.4970, 0.3583,
0.3539

 0.4926, 0.6138,
0.3862

218.1737, 0.3552,

 0.0000, 0.0000,

0.3523

0.0000

264.6336, 0.3526,
0.3509

■ 33.3583, 0.3925,
0.3701

■ 33.3583, 0.3925,
0.3701

■ 29.5511, 0.4204,
0.3803

■ 37.6194, 0.3677,
0.3593

■ 26.1769, 0.4509,
0.3890

■ 42.3449, 0.3461,
0.3484

■ 23.2200, 0.4828,
0.3951


■ 47.5508, 0.3274,
0.3380


■ 20.6616, 0.5145,
0.3971

■ 53.2510, 0.3113,
0.3281

■ 18.4811, 0.5433,
0.3941

■ 59.4586, 0.2975,
0.3190


 16.6509, 0.5677,
0.3864

 66.1863, 0.2857,
0.3106

 16.4953, 0.5699,
0.3857

 73.4463, 0.2756,
0.3029

 80.2073, 0.2747,
0.3118

 87.1654, 0.2758,
0.3242

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3583, 0.3877, 0.3381



33.3583, 0.3925, 0.3701



33.3583, 0.3746, 0.3943

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.3583, 0.3925, 0.3701



33.3583, 0.2649, 0.3517



33.3583, 0.2817, 0.2655

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.3583, 0.3925, 0.3701



33.4047, 0.2524, 0.2833

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.3583, 0.2522, 0.2653



33.3583, 0.3925, 0.3701



33.3583, 0.2430, 0.3123

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.3583, 0.3925, 0.3701



33.3583, 0.3003, 0.3861



33.3583, 0.2386, 0.2813



33.3583, 0.3214, 0.2802

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.3583, 0.3925, 0.3701



33.3583, 0.3531, 0.4016



33.3583, 0.2386, 0.2813



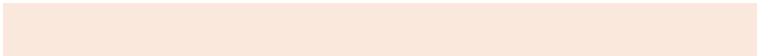
33.3583, 0.2704, 0.2637

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.3599, 0.3925, 0.3701



83.1377, 0.3329, 0.3412



26.5293, 0.3510, 0.2690



17.5668, 0.3353, 0.3425



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.3599, 0.3925, 0.3701



54.4199, 0.4166, 0.3791



46.9662, 0.3739, 0.4163



10.7252, 0.3279, 0.3383



11.2462, 0.5677, 0.3874



0.6208, 0.5270, 0.4197

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.4047, 0.2524, 0.2833



54.4829, 0.2396, 0.2711



22.1213, 0.2434, 0.2232



10.7296, 0.2984, 0.3196



10.9830, 0.1871, 0.1937



0.6065, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 33.3583, 0.3925, 0.3701 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 33.3583, 0.3925, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

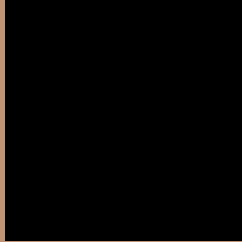
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.3583, 0.3925, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 33.3583, 0.3925, 0.3701.



This preview shows how white text looks on a background with the Yxy color 33.3583, 0.3925, 0.3701.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.3583, 0.3925, 0.3701

Protanopia

33.3729, 0.3573, 0.3813

Deuteranopia

33.3879, 0.3844, 0.3767



Tritanopia

33.3817, 0.3598, 0.3145

Trichromacy



Original Color

33.3583, 0.3925, 0.3701

Protanomaly

33.3686, 0.3692, 0.3769

Deuteranomaly

33.4472, 0.3882, 0.3748

Tritanomaly

33.4421, 0.3723, 0.3346

Monochromacy



Original Color

33.3583, 0.3925, 0.3701

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2815, 0.3407, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3583, 0.3925, 0.3701 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 147, 117)` looks like.

```
.text, #text, p{  
    color:rgb(192, 147, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 147, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 117) }
```

Border

The CSS property to change the border of an element to Yxy 33.3583, 0.3925, 0.3701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 147, 117) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 147, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 147, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 147, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 147, 117);  
box-shadow:4px 4px 4px 4px rgb(192, 147,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3583, 0.3925, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
147, 117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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